

Material Safety Data Sheet

Effective Date: 14-APR-2009  
Product: AGRI-DEX

I. IDENTIFICATION

Chemical Name: NONIONIC OIL CONCENTRATE  
Chemical Family: OIL SURFACTANTS  
Formula: NOT APPLICABLE, FORMULATED MIXTURE.  
Synonyms: NONE  
CAS Number: 64741-88-4; 64741-89-5  
EPA Number: NONE REQUIRED

II. PHYSICAL DATA

Boiling Point: 625 TO 830 DEG F.  
Freezing Point: <32 DEGREES F.  
Spec Gravity: .879 GMS/CC  
Vapor Pressure: .0001 MM HG  
Vapor Density: 10+  
Solubility: DISPERSIBLE  
Volatiles: <1%  
Evaporation: 1000X  
Melting Point: >10 DEGREES F.  
Appearance: CLEAR AMBER LIQUID, MINERAL OIL ODOR.

III. INGREDIENTS

Material	CAS Number	Percent	TLV	Hazard
PROPRIETARY BLEND OF HEAVY RANGE PARAFFIN BASE PETROLEUM OIL, POLYOL FATTY ACID ESTERS, AND POLYETHOXYLATED DERIVATIVES		100.00	5 MG/M3	MILD SKIN & EYE IRRITANT

IV. FIRE AND EXPLOSION HAZARD

Flash Point: >200 DEGREES F.  
Autoignition Temp: 670 DEG F.(ESTIMATE)  
Flammable Limit: NOT DETERMINED  
Extinguishing Media: WATER FOG, FOAM, DRY CHEMICAL AND CARBON  
DIOXIDE.  
Special Fire Fight Proc: WEAR SELF-CONTAINED BREATHING APPARATUS AND  
FULL PROTECTIVE CLOTHING.  
Fire and Expl Hazard: CAN BE MADE TO BURN (FLASH POINT GREATER THAN  
200 DEGREES F).

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V. HEALTH HAZARD  
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Carcinogen Information: NONE CURRENTLY KNOWN.

ACUTE EFFECTS OF OVER EXPOSURE  
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Swallowing: LOW TOXICITY, ORAL LD50 (RAT) >5,010 GM/KG.  
PULMONARY ASPIRATION HAZARD - IF SWALLOWED  
AND/OR VOMITING OCCURS, CAN ENTER LUNGS AND  
CAUSE DAMAGE.  
Skin Absorption: LOW TOXICITY, DERMAL LD50 (RABBIT) >2,020  
GM/KG.  
Inhalation: NO HAZARD EXPECTED.  
Skin contact: MODERATE IRRITATION, REMOVES NATURAL OILS AND  
FATS FROM SKIN WITH PROLONGED OR REPEATED  
CONTACT.  
Eye Contact: CONTACT WITH EYES MAY CAUSE MILD IRRITATION.  
Chronic Effects: EXCESSIVE EXPOSURES MAY CAUSE IRRITATION TO  
EYES, NOSE AND THROAT.  
Other Hazard: NONE CURRENTLY KNOWN.

EMERGENCY AND FIRST AID PROCEDURES  
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Swallowing: DO NOT INDUCE VOMITING. DO NOT GIVE LIQUIDS.  
OBTAIN EMERGENCY MEDICAL ATTENTION. SMALL  
AMOUNTS WHICH ACCIDENTALLY ENTER MOUTH SHOULD  
BE RINSED OUT UNTIL TASTE OF IT IS GONE.  
Skin: WASH CONTAMINATED AREA WITH SOAP AND WATER. IF  
IRRITATION DEVELOPS, CONSULT A PHYSICIAN.  
Inhalation: MOVE PERSON TO FRESH AIR. CONSULT A PHYSICIAN  
IF IRRITATION DEVELOPS.  
Eyes: FLUSH EYES WITH WATER FOR 15 MINUTES, HOLDING  
EYELIDS OPEN. IF IRRITATION DEVELOPS, CONSULT A  
PHYSICIAN.  
Notes to Physician: IN THE EVENT OF AN ADVERSE RESPONSE, TREATMENT  
SHOULD BE DIRECTED TOWARD CONTROL OF THE  
SYMPTOMS. PULMONARY ASPIRATION HAZARD - IF  
SWALLOWED AND/OR VOMITING OCCURS, CAN ENTER  
LUNGS AND CAUSE DAMAGE.

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VI. REACTIVITY  
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Stability: Stable  
Conditions to Avoid: NONE CURRENTLY KNOWN  
Polymerization: Will Not Occur  
Conditions to Avoid: NONE CURRENTLY KNOWN.

Helena Chemical Company  
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CHEMTREC: 800-424-9300

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Incompatibility material: ALKALIES AND STRONG OXIDIZERS.  
Hazardous Combustion: MAY PRODUCE OXIDES OF CARBON AND ASPHYXIANTS  
UNDER FIRE CONDITIONS.  
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VII. SPILL OR LEAK PROCEDURES  
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Spill or Leak Proc: CLEANUP SPILLS WITH AN OIL ABSORBENT MATERIAL,  
SUCH AS CLAY, SAND, OR SAWDUST. SPILL AREA WILL  
BE QUITE SLIPPERY. PLACE CONTAMINATED MATERIAL  
IN RECOVERY/SALVAGE DRUMS FOR PROPER DISPOSAL.  
Waste Disposal Method: THIS MATERIAL MUST BE DISPOSED OF ACCORDING TO  
FEDERAL, STATE, OR LOCAL PROCEDURES UNDER THE  
RESOURCE CONSERVATION AND RECOVERY ACT.  
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VIII. SPECIAL PROTECTION INFORMATION  
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Respiration: USE ONLY NIOSH CERTIFIED RESPIRATORY  
PROTECTION. RESPIRATORY PROTECTION NOT NEEDED  
UNLESS PRODUCT IS HEATED OR MISTED.  
Ventilation: VENTILATE AS NEEDED TO COMPLY WITH EXPOSURE  
LIMIT.  
Gloves: IMPERVIOUS  
Eyes: CHEMICAL WORKERS GOGGLES.  
Other: EYE WASH STATION, IMPERVIOUS APRON AND  
FOOTWEAR.  
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IX. SPECIAL PRECAUTIONS  
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Special precaution: KEEP OUT OF REACH OF CHILDREN. DO NOT STORE  
WITH FOOD, FEED, OR OTHER MATERIAL TO BE USED  
OR CONSUMED BY HUMANS OR ANIMALS. DO NOT  
CONTAMINATE WATER SUPPLIES, LAKES, STREAMS, OR  
PONDS. DO NOT STORE NEAR OPEN HEAT OR FLAMES.  
DO NOT STORE WITH OXIDIZING AGENTS OR AMMONIUM  
NITRATE FERTILIZER. KEEP CONTAINER CLOSED, DO  
NOT ALLOW WATER TO BE INTRODUCED TO THE  
CONTENTS OF THE CONTAINER.  
Other precaution: CALIFORNIA REGISTRATION NUMBER 5905-50094-AA.  
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X. SHIPPING INFORMATION  
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Shipping name: NOT REGULATED BY DOT, IATA, OR IMO.

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Mail inquiries to: 225 Schilling Blvd., Suite 300 Collierville, TN 38017  
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